

"Amateur Radio: Combining communication experience with modern digital techniques."

SARL Field Day 20 and 21 November

*SARL 80 m Club CW Contest 24 November
CQ WW DX CW Contest 27 and 28 November
PEARS HF Contest 6 December
ARRL 10 Metre Contest 11 and 12 December*



GlobalSet 2010 - 13 November

IARU Region 1 invites the HQ-Stations of all IARU member societies and stations of Emergency Communications Groups to participate in a Global Simulated Emergency Test on Saturday 13 November 2010 starting at 11:00 - 15:00 local time.

The operation will take place on and near the emergency Centre-of-Activity (CoA) frequencies on 80, 40, 20, 17 and 15 metres (+- QRM). This event is different to earlier ones as we will not be activating all stations around the globe at the same time, instead the event will call for stations to be active at their local time.

This will mean that some stations will have to wait for HQ stations to come on air to pass their messages but will reduce the inter-region interference that may occur.

Win a 2011 ARRL Handbook in the SARL Field Day Contest

The Boland Amateur Radio Club invites all radio amateurs to join in the last event of the SARL 85 year anniversary celebrations by making a contact with ZS85SARL during the SARL field day weekend. The competition will take place from 10:00 UTC Saturday 20 November until 10:00 UTC on Sunday 21 November 2010. Get the contest rules on www.sarl.org.za.

BARK will set up a field station and operate as ZS85SARL. All amateurs who make contact with the special event field day station will participate in a lucky draw. You do not have to be a field station to qualify for the lucky draw.

The first participant drawn, and who is a SARL member, will win the brand new 2011 Hardcover ARRL Handbook. The first name drawn from a non-SARL member will receive a free membership of the SARL for the current financial year.

Contest Results

The results of the Antique Wireless Association Valve QSO Party held in early October 2010 have been released.

AM QSO Party

1st Andrew Dekehna, ZS6DEK

2nd The Antique Wireless Association, ZSOAWA operated by Andy, ZS6ADY

South African Radio League 1925 - 2010 Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union Region 1
HF Happenings via Yahoo Groups HF_Happenings-subscribe@yahoogroups.com

HF Happenings 429



November

6 RaDAR Contest
6/7 ARRL CW Sweepstakes
7 National Marine Day
11 Armistice Day
14 Remembrance Sunday
20/21 SARL Field Day
20/21 ARRL SSB sweepstakes
21 Closing date CW WW DX Phone logs
24 SARL Club CW Contest
27/28 CQ WW DX CW Contest

December

1 World Aids Day; Closing date SARL Club logs
2 Hanukkah
4/5 ARRL 160 metre contest
5 PEARS HF contest
6 Closing date SARL Field Day logs
7 Muharram
10 Schools close; Int. Human Rights Day - Namibia
11/12 ARRL 10 metre contest
16 Day of Reconciliation
21 Summer Solstice; closing date CQ WW DX CW logs
25 Christmas Day
26 Family Day
27 Public Holiday
31 Closing CQ DX Marathon; Closing date PEARS HF logs

SSB QSO Party

1st Andrew Dekenha, ZS6DEK

2nd Theunis Potgieter, ZS2EC

3rd The Antique Wireless Association, Z50AWA operated by Andy, ZS6ADY

Thirty-three (33) stations were recorded on the AM section and eighty five (85) on the SSB section, but a disappointing result in logs that were actually submitted.

However, the AWA believe the objective was achieved as we do say the QSO party is there to encourage activity on the bands, and this it certainly did. Our thanks to all who took part and congratulations to Andrew, ZS6DEK, and Theunis, ZS2EC, on their efforts.

Understanding LF and HF Propagation - free e-book

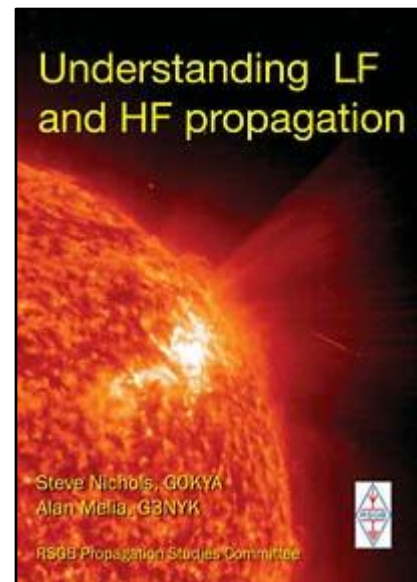
Steve, GOKYA, and Alan, G3NYK, of the Radio Society of Great Britain's (RSGB) Propagation Studies Committee, have released a free e-book called 'Understanding LF and HF Propagation.' In 2008/2009, Steve and Alan wrote a series of features on LF and HF propagation for the RSGB's "RadCom" magazine.

The features consisted of a month-by-month look at each HF band in turn, showing the reader the propagation modes behind each band and explaining some of the technicalities of ionospheric propagation.

Steve says, "I looked at the D, E and F layers, Sporadic E, the MUF/LUF, using solar data, propagation programs, NVIS and much more.

"Alan then took over and wrote three detailed features on LF propagation. We are told that the features were well received and as a result I have managed to persuade the RSGB to allow me to put them together into a single document, which is now freely available for amateurs worldwide to download."

You can download your free copy of "Understanding LF and HF Propagation" at www.gOkya.blogspot.com. It is 724 kb in size.



2011 SAARDT Construction Competition with Great Prizes

At its Board meeting on Thursday last week the South African Amateur Radio Development Trust has announced details of its 2011 construction competition. As one of the main objectives of the Development Trust is to promote and expand innovation in Amateur Radio tech-





nology, activities during 2011 will focus on various aspects of what makes amateur the most rewarding of all scientific hobbies.

The 2011 construction competition focuses on construction and operation and not on circuit design. Participants may search the web and the literature for any design. The focus is on the ingenuity displayed in the construction of one of the following two projects:

A QRP transmitter with an upper power limit of 5 watts using the minimum of components operating on any amateur band or a minimum component transistor receiver operating on any amateur band.

The competition is in two parts. Part 1 is a paper entry with a brief write-up, a circuit diagram and a photograph of the prototype or breadboard.

From the first phase entries, three finalists will be chosen to go through to the second phase during which the project must be constructed, tested, be fully operational and suitably housed and submitted with a full write up and circuit diagram. Each finalist will receive a grant of R500 to build the project.

The winner will be invited to the annual awards lunch in May 2011 and presented with a 2011 ARRL Handbook, and a choice of three SARL construction kits and a year of free membership of the SARL.

The closing dates are as follows: Phase one 30 January 2011. The three finalists will be announced on 15 February 2011. The closing date for phase two is 15 April 2011. Full details and an entry form can be found on www.amateurradio.org.za.

LA1ASK/B Experimental Beacon 509 kHz

Tom V. Segalstad, LA4LN, the NRRL HF Traffic Manager reports. "On 7 November 2010, the experimental beacon LA1ASK/B started transmissions on 509 kHz from the site of the old medium wave Bergen Broadcasting Station, QTH locator JP20ok, on the Askoy Island near Bergen, south-western coast of Norway.

LA1ASK/B is transmitting with an output power of 5 watts telegraphy A1A. The antenna is currently a 15 metre tall vertical, using the extensive ground system at the old medium wave broadcast station. There is a possibility that other antennas there will be tried.

The beacon trustee is LA7CFA Oystein Ask. Please send reports to post@bergenkringkaster.no. More information at the website www.bgn.no."

Pirate Stations UF6

Mamuka Kordzakhia, 4L2M, President of the National Association Radio Amateurs of Georgia informs "All amateur radio stations working from Abkhazia with prefix UF6 are illegal's. All UF6V call signs are pirates because the prefix UF6 is a Russian prefix, and Abkhazia is a part of Georgia and all amateur radio stations from the territory of Abkhazia must only use 4L prefix. Therefore, any amateur radio stations who receive a 4L license from the Georgian Communication Commission in Tbilisi City, capital of Georgia, can operate from the territory of Abkhazia."

Observers say that at least the point has been made and action initiated by Ugandan government telecommunications authorities against the now unauthorized use of the frequency.

Fred Scheepers, ZS1FCS, is requesting your participation in monitoring the 40 metre amateur band and report any intrusion by unauthorised stations to the SARL - IARU monitoring service by email to intruder@sal.org.za. Please include as much information as possible such as time of operation, station identification and, if available, a mp3 recording of the station identification which can normally be heard on top of the hour and on the half hour.





African DX

Sudan, ST. Robert, S53R, will be active as ST2AR from Khartoum during the CQ WW DX CW Contest (27 and 28 November) as a Single-Op/All-Band/Low-Power/ Unassisted entry. QSL via S53R.

Cameroon, TJ. Henri, F6EAY, who is in Cameroon for professional reasons and the duration of his stay is uncertain, just received his license to operate as TJ3AY. Activity will be on 40 - 6 metres using RTTY and SSB. Equipment now is a R6000 vertical antenna and a dipole for 40 meters. He was heard this past week on 20, 15, 12 and 10 metres at various times. QSL is via F5LGE. It is suggested to be patient on the QSLs. QSL printing is not yet done; not until February 2011.

Gambia, C5. The OMOC Contest Crew members Rich, OM2TW/OK8WW, Jiri, OK1RI, Jiri, OK1DO, Norbert, OM6NM, Roman, OM2RA, Joe, OM5AW, Lada, OK1DIX, Petr, OK1FFU, and Vlada, OK1NY, will be on the air as C50C and C52C from 17 to 30 November. They will work with up to six stations simultaneously on CW/SSB on 160 - 10 m. They will take part in the WW DX CW Contest signing C5A as a multi/multi. The QSL manager for all calls is OM2FY, who confirms via bureau also. Their homepage is http://www.om0c.com/?Gambia_2010_-_C5A

Cameroon, TJ. Henri, F6EAY, is working in the Cameroon now. He is licensed as TJ3AY and works on RTTY and SSB on 40 - 6 m with a dipole (for 40 m) and a vertical. QSL cards via F5LGE, bureau ok.

Namibia, V5. Klaus, DJ4SO, had to cancel his Namibia trip on short notice because of personal reasons. He announced a new date next year from 22 February until 23 March. Details will follow later.

Uganda, 5X. Alan, G3XAQ, will stay in Kampala from 14 November to 1 December. He works only on CW signing 5X1XA with 100 watts and a small yagi. He will join the CQ WW DX CW Contest in a single band category (most likely 20 m). QSL via G3SWH. On Phil's homepage, <http://www.g3swh.org.uk>, there is an Online QSL Request System where you can request direct and bureau QSLs of more than 100 stations he manages.

Graham, 5X1GS, is back in Kampala and will show up on the bands soon. He was QRT since the beginning of this year because he was working in South Sudan.

African Islands on the Air

Sierra Leone, 9L, AF-037. Sierra Leone, North/West Province Group, Karl, DK2WV, and Heino, DJ9AF, are signing 9LOW from the Banana Islands until 18 November. QSL via DK2WV (direct/bureau).

Prince Edward and Marion Islands, ZS8, AF-021. Pierre, ZS8M, is temporarily QRT because the whole team is moving to a new base. When they are finished, he will install his equipment again. A newsletter about his activities can be found at <http://www.iz8epy.it/html/zs8m.html>





Madagascar, 5R, AF-090. Eric, F6ICX, will be active again as 5R8IC from Saint Marie (AF-090) working "holiday style" on CW, RTTY and PSK63 from 15 November to 18 December. He has 100 watts with verticals, Inverted Ls and a Hexbeam for 20 - 10 m. QSL via homecall, also via REF bureau. Please visit his homepage at: <http://f6kbk.free.fr/5r8ic/5r8ic.htm>

Pantelleria Island, AF-019. Operators Tony, IK1QBT, and Emilio, IZ1GAR, will be active from Pantelleria Island (WLOTA 0041), between 23 and 30 November. In the CQ WW DX CW Contest (27 and 28 November), Tony will be Single Band 80 metres entry as IH9X, and Emilio as IH9R Single Band 40 metres. Pantelleria counts a Multiplier Zone 33 Africa Italy for the CQ WW DX rule (islands are located over the African continent platform). Prior to the contest, they will be putting an emphasis on the lower bands as IH9/IK1QBT and IH9/IZ1GAR. QSL via their home call signs.

Moucha Island, AF-053. Operators Freddy, J28RO, and Darko, J28AA, are in the process of planning a small DXpedition to Moucha Island, Djibouti, during the month of January 2011 (for four days). Specific days are not yet set. They plan to use two K3 radios and two multi-band verticals for 80 - 10 metres using CW and SSB. The duo will be using their home call sign. They have requested special call signs for this operation, but because of the local red tape call signs, it will probably not be received on time.

Herne Island, AF-068. The IOTA number is AF-068 and Not AF-065 as mentioned in a previous bulletin. Some of the operators from the recent TS7TI and TS8P operations, and the Navajo DX Team are planning a DXpedition to Herne Island, Morocco, and Dakhla Park (WFF CNFF-007) between 29 January and 6 February 2011. This island is a rare IOTA (14.1 %) island. The group states that their friend Kacem, CN8LR, secretary of ARRAM, is helping them obtain a license and special call sign. For updates, watch <http://www.i8lwl.it>. The team needs supporters and sponsors for the DXpedition. To subscribe to the DX Team's mailing list, send an E-mail to nava-jodxteam@libero.it

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 1 to 8 November 2010.

CWops Mini-CWT Test

11:00 - 12:00 UTC and 19:00 - 20:00 UTC 10 November and 03:00 - 04:00 UTC 11 November

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - QRP, Low or High

Max power: HP: >100 watt; LP: 100 watt; QRP: 5 watt

Exchange: Member: Name and member no;
non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 13 November 2010

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/onair.html>

RSGB 80 m SSB Club Sprint

20:00 - 21:30 UTC 11 November

Mode: SSB

Bands: 80 m Only

Classes: 100 w; 10 w

Exchange: other station's call, your call, serial no and your name





QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 18 November 2010
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at:
<http://www.rsgbcc.org/hf/rules/2010/rsprint.shtml>

QRP Fox Hunt
02:00 - 03:30 UTC 12 November
Mode: CW
Bands: 40 m Only
Classes: Single Op - Fox or Hound
Max power: 5 watt
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 13 November 2010
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm

WAE DX RTTY Contest
00:00 UTC 13 November to 23:59 UTC 14 November
Mode: RTTY
Bands: 80, 40, 20, 15 and 10 m
Classes: Single Op - High or Low; Multi-Op; SWL
Max operating hours: Single Op: 36 hours, off times in 1 to 3 parts; Multi-Single: 48 hours
Max power: HP: >100 Watt; LP: 100 Watt
Exchange: RS and serial no
Work stations: Once per band
Score Calculation: (see rules)
Submit logs by: 29 November 2010
E-mail logs to:
[waertty\[at\]dxhf\[dot\]darc\[dot\]de](mailto:waertty[at]dxhf[dot]darc[dot]de)
Mail logs to: (none)
Find rules at:

<http://www.darc.de/referate/dx/contest/waedc/en/rules/>

JIDX Phone Contest
07:00 UTC 13 November to 13:00 UTC 14 November
Mode: SSB
Bands: 80, 40, 20, 15 and 10 m
Classes: Single Op All Band - Low or High; Single Op Single Band - Low or High; Multi-Single; Maritime Mobile
Max power: HP: >100 w; LP: 100 w
Exchange: JA: RST and Prefecture no; non-JA: RST and CQ Zone no
Work stations: Once per band
QSO Points: 2 points per JA-DX QSO on 80 m; 1 points per JA-DX QSO on 40, 20 and 15 m; 2 points per JA-DX QSO on 10 m
Multipliers: JA Stations: DXCC countries and CQ zones once per band; non-JA Stations: JA prefectures plus JD1/O, JD1/MT, JD1/OT once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 31 December 2010
E-mail logs to: [ph\[at\]jidx\[dot\]org](mailto:ph[at]jidx[dot]org)
Mail logs to: JIDX Phone Contest, c/o Five-Nine Magazine, PO Box 59, Kamata, Tokyo 144-8691, Japan
Find rules at:
<http://www.jidx.org/jidxrule-e.html>

OK/OM DX CW Contest
12:00 UTC 13 November to 12:00 UTC 14 November
Mode: CW
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: Single Op All Band - QRP, Low or High; Single Op Single Band - Low or High; Multi-Single; SWL
Max power: HP: 1 500 watt; LP: 100 watt; QRP: 5 watt
Exchange: OK/OM: RST and 3-letter district code; non-OK/OM: RST and serial no
Work stations: Once per band
QSO Points: OK/OM-Station: 1 point per QSO with EU station; OK/OM-Station: 3 points per QSO with DX station; EU-Station: 1 point per QSO with OK/OM station; DX-





Station: 3 points per QSO with OK/OM station
Multipliers: OK/OM-Station: each prefix once per band; non-OK/OM-Station: each OK/OM district once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 1 December 2010
E-mail logs to: okomdx[at]crk[dot]cz
Mail logs to: OK-OM DX Contest, CRK, PO Box 69, 113 27 Praha 1, Czech Republic
Find rules at: <http://okomdx.crk.cz/g.html>

Kentucky QSO Party
14:00 UTC 13 November to 02:00 UTC 14 November
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 and 6 m
Classes: KY Fixed - CW, phone or mixed; KY Rover - CW, Phone or mixed; Out of State
Exchange: KY: RS(T) and county; non-KY: RS(T) and state, province or country
Work stations: Once per band per mode per county
QSO Points: 1 point per SSB QSO; 2 points per CW QSO
Bonus Points: 500 points for at least one QSO with KY4DXA; 1 000 points for each county activated beyond home county (minimum 10 QSOs/county)
Multipliers: KY Stations: Each KY county, state, province once; non-KY Stations: Each KY county once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 31 December 2010
E-mail logs to: k4cms[at]aol[dot]com
Mail logs to: Western Kentucky DX Association, PO Box 73, Alvaton, KY 42122, USA
Find rules at:
http://www.wkdx.com/mainsite/index.php?option=com_content&view=category&layout=blog&id=35&Itemid=56

CQ-WE Contest
19:00 UTC-23:00 UTC 13 November (CW/Digital); 01:00 UTC-05:00 UTC (Phone) and 19:00 UTC-23:00 UTC 14 November (Phone) and 01:00 UTC-05:00 UTC 15 November (CW/Digital)
Mode: CW, Phone, Digital
Bands: All, except WARC
Classes: Single Op
Exchange: Name, location code (see rules) and years of service (see rules)
Work stations: Once per band per mode
QSO Points: Points equal to years of service received in exchange for each QSO
Multipliers: Each location code once per mode
Score Calculation: Total score = sum of (total QSO points x total mults) for each mode
Submit logs by: 1 December 2010
E-mail logs to: (see rules)
Mail logs to: (see rules)
Find rules at: <http://cqwe.cboh.org/rules.html>

SKCC Weekend Sprint
00:00 - 24:00 UTC 14 November
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 and 6 m
Classes: (none)
Exchange: RST, name, state, province or country and SKCC no or "NONE"
Work stations: Once per band
QSO Points: 1 point per QSO
Bonus Points: (see rules)
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 19 November 2010
Post log summary at:
<http://www.skccgroup.com/sprint/wes/wes-submit.html>
Mail logs to: (none)
Find rules at:
<http://www.skccgroup.com/sprint/wes/>

Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 17 November
NAQCC Straight Key/Bug Sprint, 01:30 - 03:30 UTC 18 November





QRP Fox Hunt, 02:00 - 03:30 UTC 19 November
YO International PSK31 Contest, 16:00 - 22:00 UTC 19 November
PODXS 070 Club Jamboree, 00:00 - 23:59 UTC 20 November
SARL Field Day Contest, 10:00 UTC 20 November to 10:00 UTC 21 November
LZ DX Contest, 12:00 UTC 20 November to 12:00 UTC 21 November
Feld Hell Sprint, 16:00 - 18:00 UTC 20 November
All Austrian 160-Meter Contest, 16:00 UTC 20 November to 07:00 UTC 21 November
ARRL Sweepstakes SSB Contest, 21:00 UTC 20 November to 03:00 UTC 22 November
RSGB 2nd 1.8 MHz CW Contest, 21:00 UTC 20 November to 01:00 UTC 21 November
NA Collegiate ARC SSB Championship, 21:00 UTC 20 November to 03:00 UTC 22 November
EU PSK63 QSO Party, 00:00 - 24:00 UTC 21 November
Homebrew and Oldtime Equipment Party, 13:00 - 15:00 UTC 21 November (40 m) 15:00 - 17:00 UTC 21 November (80 m)
Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 22 November

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW. The week starting Monday 08 November 2010.

1789 - Benjamin Franklin - "In life, nothing is certain, except death and taxes."
1818 - Australia's first lighthouse, South Head, Sydney
1888 - Tamworth, NSW, the first town in Southern Hemisphere to be lit by electricity
1893 - Tesla patents radio controlled vehicle
1895 - Roentgen discovers x-rays
1897 - Marconi transmits ship to shore over 18 miles
1899 - First US radio company incorporated in Prescott, Arizona
1902 - First helicopter to carry a man, rises 2 metres, Lisieux, France
1918 - Armistice Day - WW I ends (Armistice signed at 05:00 and came into force at 11:00 on 11 November on the Western Front)
1919 - Ross & Smith start a 1-month flight from London to Sydney
1923 - Broadcasting starts in Australia by 2BL (2SB) with a concert on the evening

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

